

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110520\
 Data File : VD067537.D
 Acq On : 05 Nov 2020 11:53
 Operator : VA/SY
 Sample : L4590-01
 Misc : 4.67G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-08-110320

Quant Time: Nov 06 00:34:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

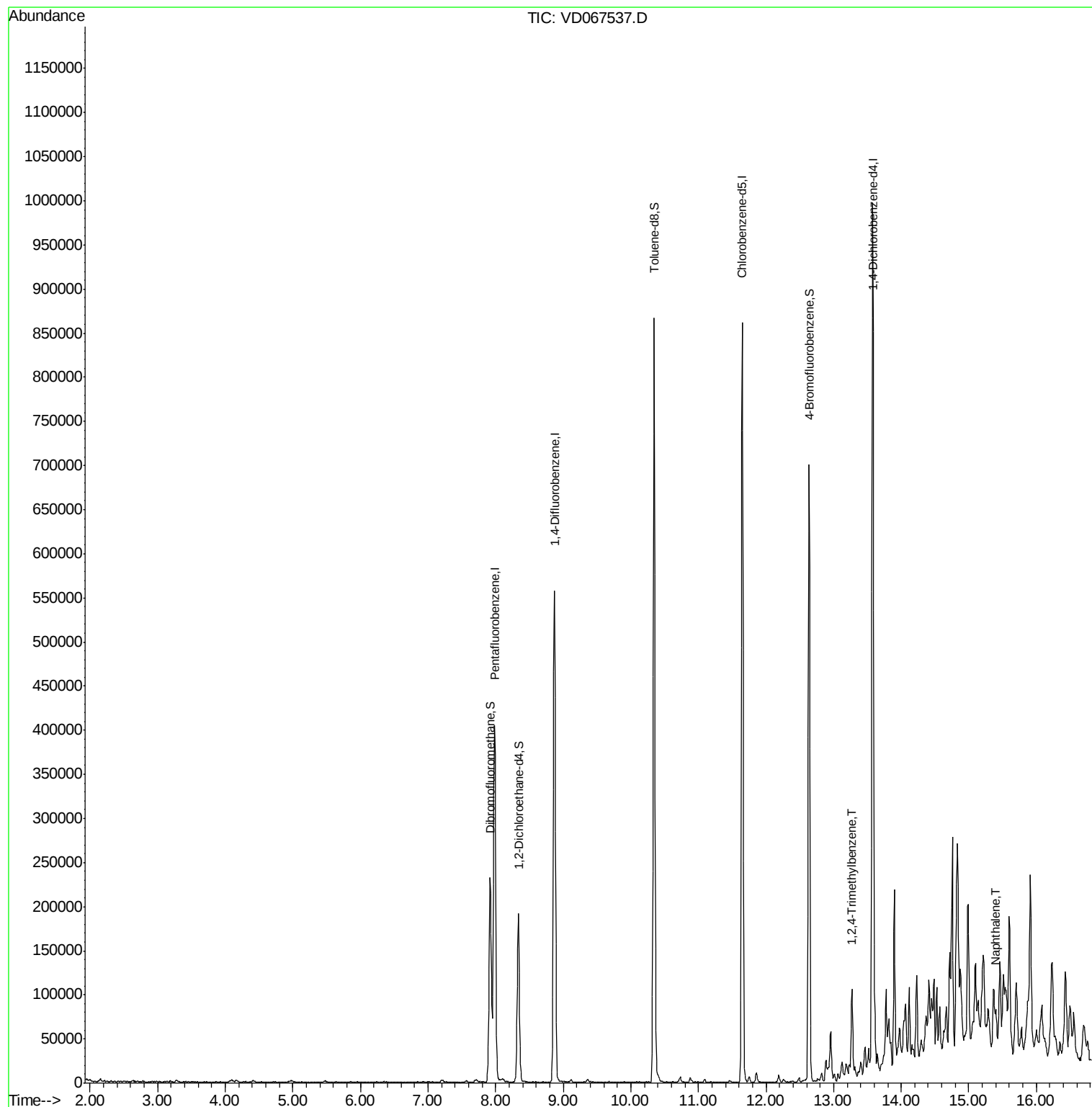
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	312888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	514314	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	507876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	265475	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	160495	58.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.32%	
35) Dibromofluoromethane	7.92	113	160006	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
50) Toluene-d8	10.34	98	592748	54.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.86%	
62) 4-Bromofluorobenzene	12.64	95	220866	58.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.50%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.27	105	52257	3.582	ug/l	95
95) Naphthalene	15.40	128	23437	3.216	ug/l #	92

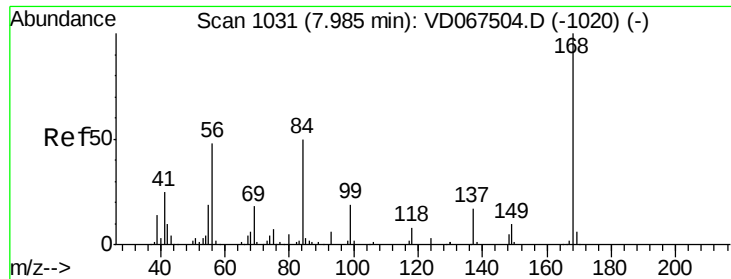
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067537.D

Acq: 05 Nov 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

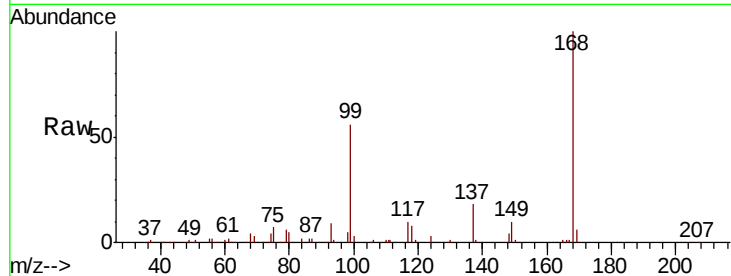
NB-08-110320

Tot Ion:168 Resp: 312888

Ion Ratio Lower Upper

168 100

99 55.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

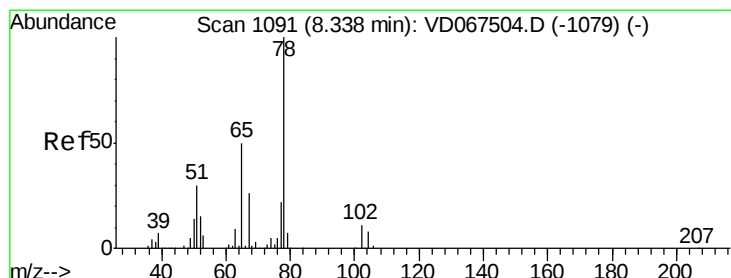
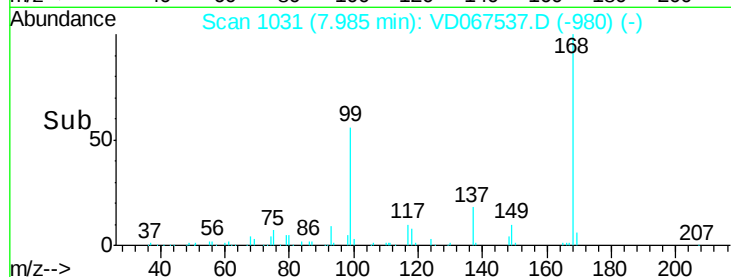
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.663 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067537.D

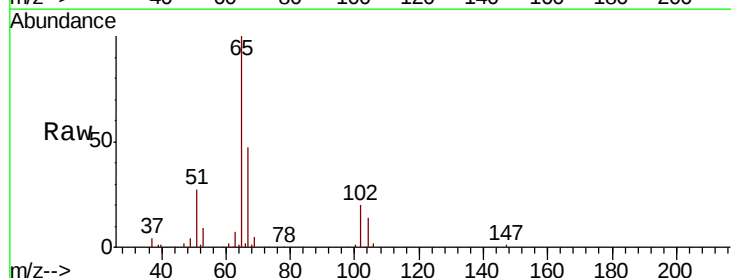
Acq: 05 Nov 2020 11:53

Tgt Ion: 65 Resp: 160495

Ion Ratio Lower Upper

65 100

67 49.7 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

80000

60000

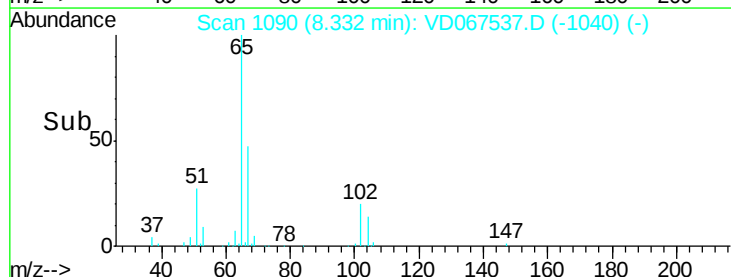
40000

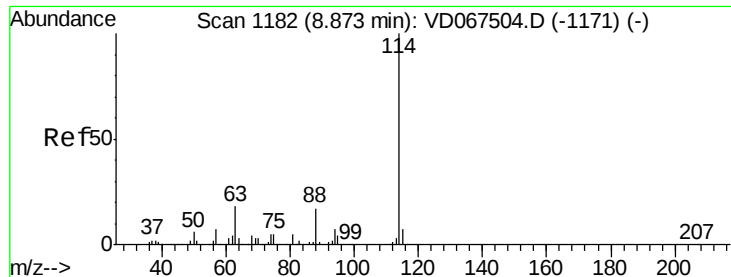
20000

0

8.25 8.30 8.35 8.40

Time-->

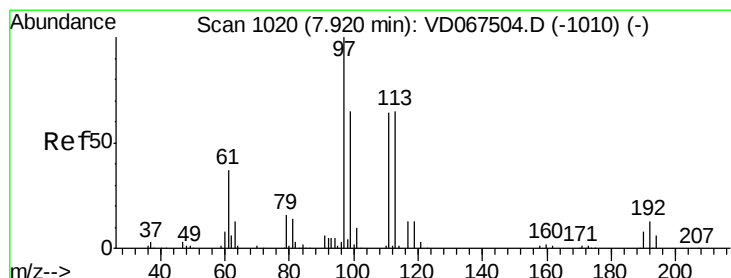
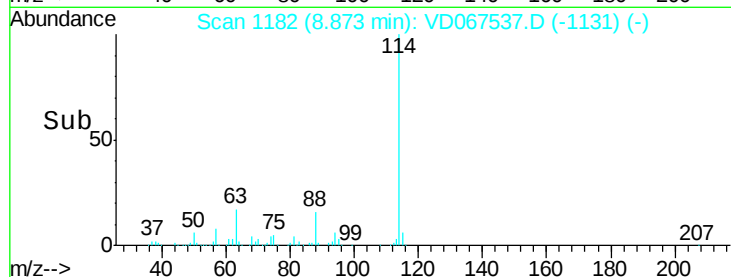
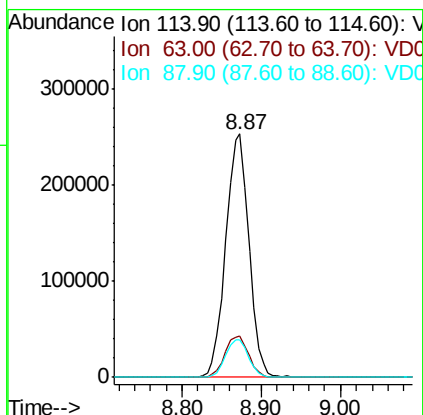
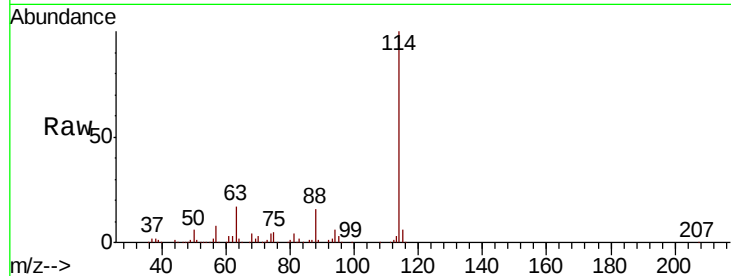




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VD067537.D
 Acq: 05 Nov 2020 11:53

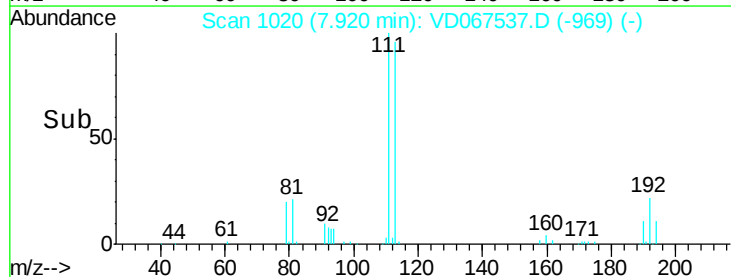
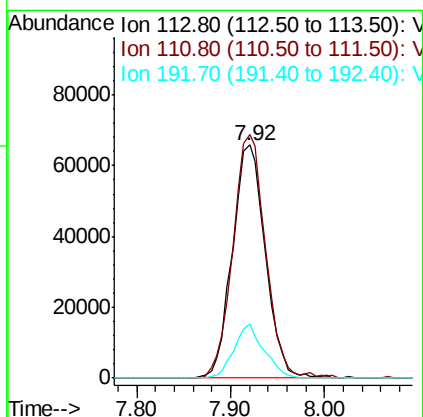
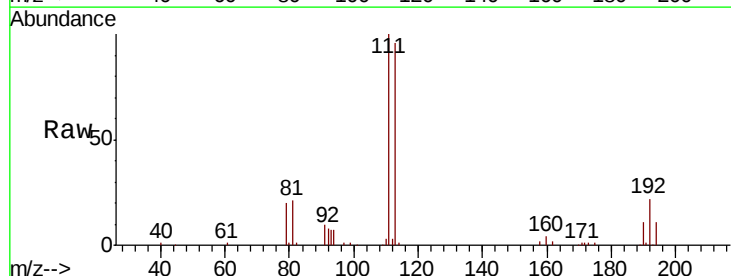
Instrument :
 MSVOA_D
 ClientSampleId :
 NB-08-110320

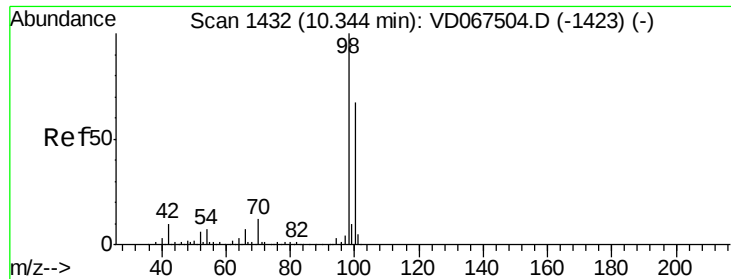
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	35.0
88	15.5	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 51.636 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067537.D
 Acq: 05 Nov 2020 11:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	80.0	120.0
192	21.1	16.3	24.5

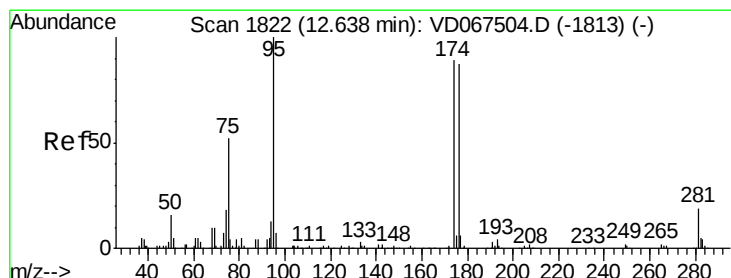
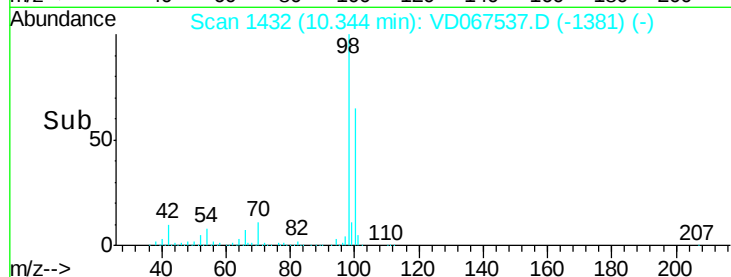
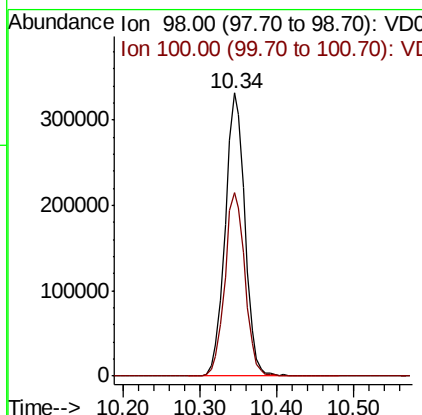
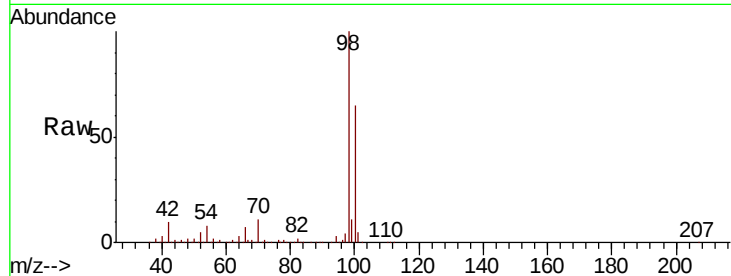




#50
Toluene-d8
Concen: 54.432 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067537.D
Acq: 05 Nov 2020 11:53

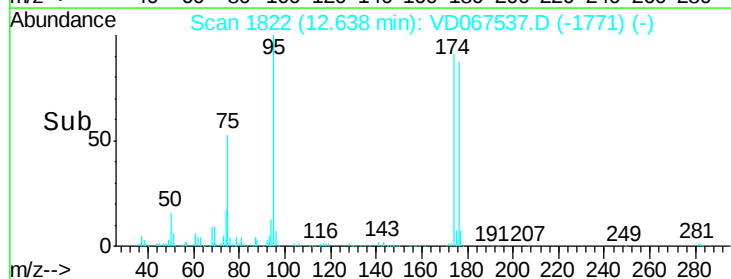
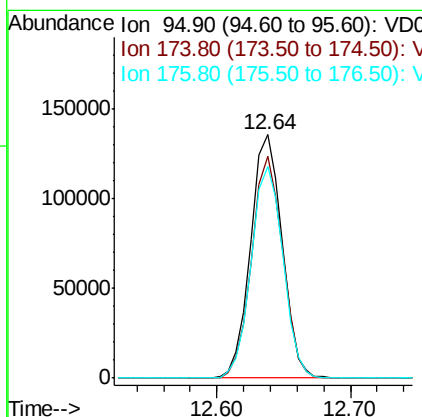
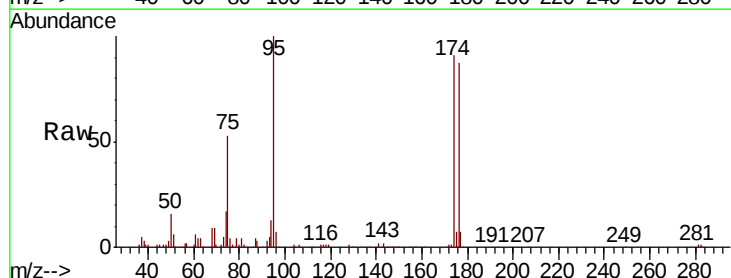
Instrument :
MSVOA_D
ClientSampleId :
NB-08-110320

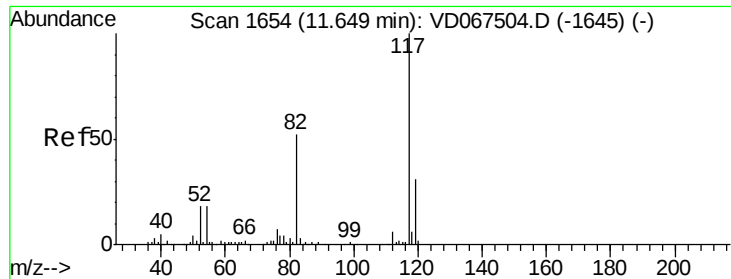
Tot Ion: 98 Resp: 592748
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 58.747 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067537.D
Acq: 05 Nov 2020 11:53

Tgt Ion: 95 Resp: 220866
Ion Ratio Lower Upper
95 100
174 89.7 0.0 177.8
176 87.3 0.0 172.0

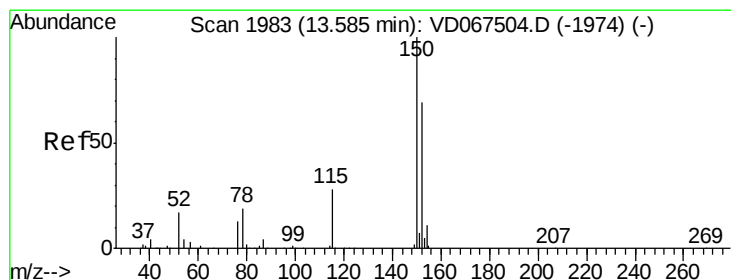
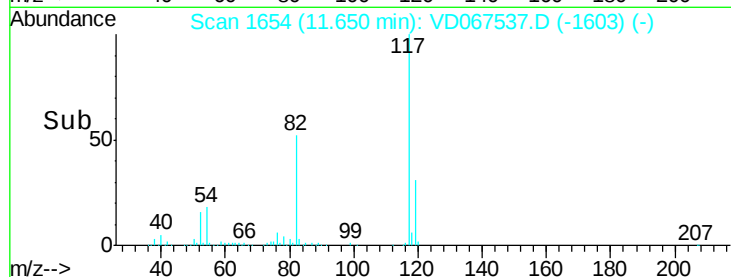
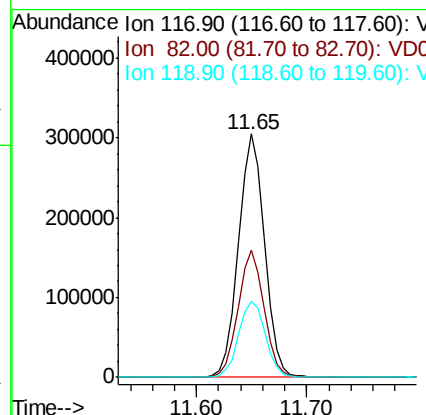
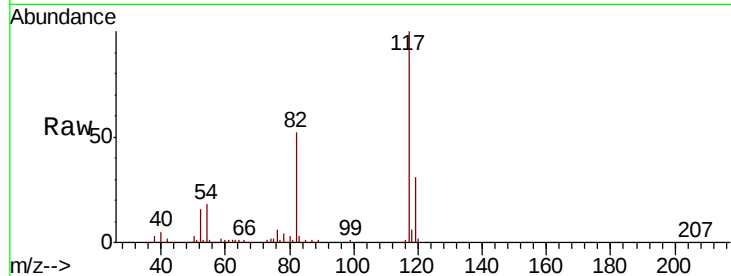




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067537.D
Acq: 05 Nov 2020 11:53

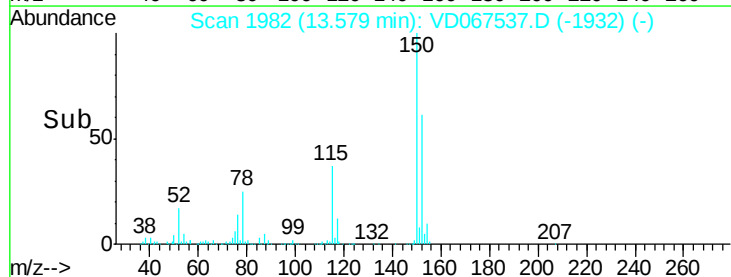
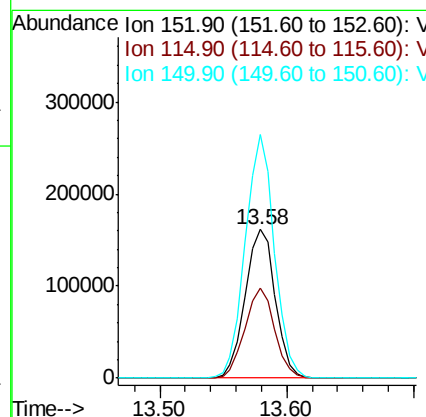
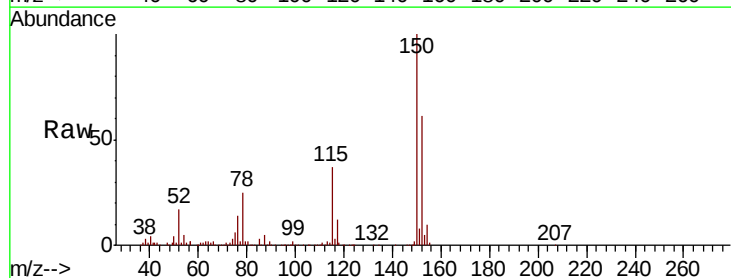
Instrument :
MSVOA_D
ClientSampleId :
NB-08-110320

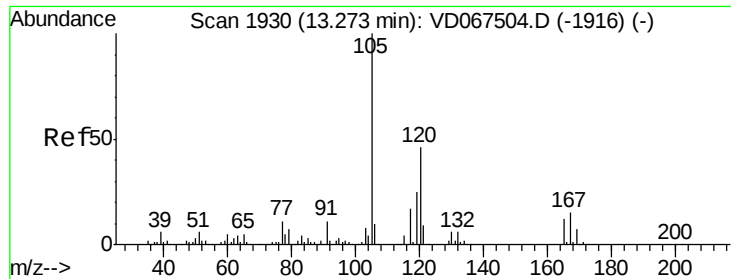
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.6	62.4
119	31.3	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067537.D
Acq: 05 Nov 2020 11:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	29.3	88.0
150	158.6	0.0	338.2





#84

1,2,4-Trimethylbenzene

Concen: 3.582 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD067537.D

Acq: 05 Nov 2020 11:53

Instrument :

MSVOA_D

ClientSampleId :

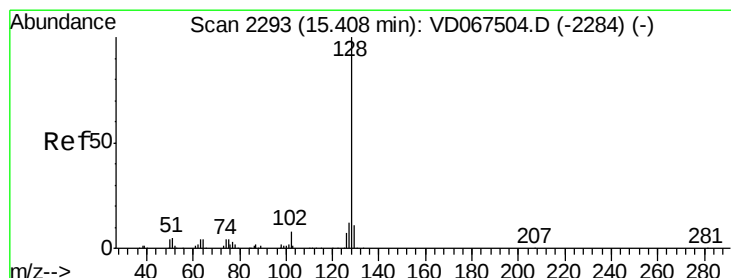
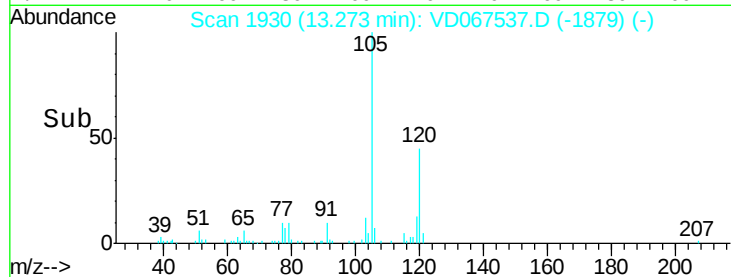
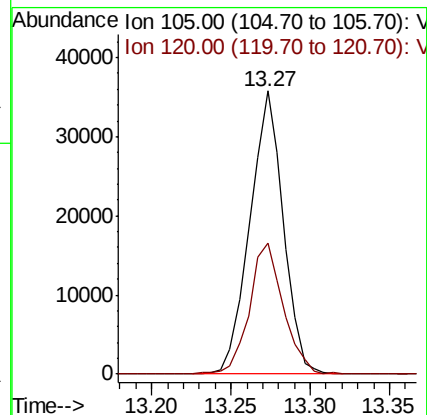
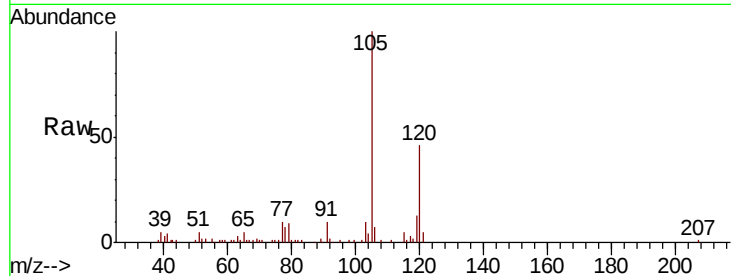
NB-08-110320

Tot Ion:105 Resp: 52257

Ion Ratio Lower Upper

105 100

120 47.3 22.1 66.1



#95

Naphthalene

Concen: 3.216 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD067537.D

Acq: 05 Nov 2020 11:53

Tgt Ion:128 Resp: 23437

Ion Ratio Lower Upper

128 100

127 18.1 10.2 15.4#

129 10.5 8.9 13.3

